

Florian M Thieringer

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,472
citations

411340

20
h-index

406436

35
g-index

71
all docs

71
docs citations

71
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Recurrent CTNNB1 mutations in craniofacial osteomas. <i>Modern Pathology</i> , 2022, 35, 489-494.	2.9	4
2	Fabrication and Characterization of PCL/HA Filament as a 3D Printing Material Using Thermal Extrusion Technology for Bone Tissue Engineering. <i>Polymers</i> , 2022, 14, 669.	2.0	30
3	Biomechanical Evaluation of Patient-Specific Polymethylmethacrylate Cranial Implants for Virtual Surgical Planning: An In-Vitro Study. <i>Materials</i> , 2022, 15, 1970.	1.3	2
4	Medical 3D printing with a focus on Point-of-Care in Cranio- and Maxillofacial Surgery. A systematic review of literature. <i>Annals of 3D Printed Medicine</i> , 2022, 6, 100059.	1.6	12
5	Nomogram predicting long-term overall and cancer-specific survival of patients with buccal mucosa cancer. <i>BMC Oral Health</i> , 2022, 22, 138.	0.8	4
6	Tailoring the biologic responses of 3D printed PEEK medical implants by plasma functionalization. <i>Dental Materials</i> , 2022, 38, 1083-1098.	1.6	20
7	Cold ablation robotâ€guided laser osteotomy in hand, wrist and forearm surgeryâ€A feasibility study. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2022, 18, .	1.2	3
8	In-hospital professional production of patient-specific 3D-printed devices for hand and wrist rehabilitation. <i>Hand Surgery and Rehabilitation</i> , 2021, 40, 126-133.	0.2	15
9	In-Hospital 3D Printed Scaphoid Prosthesis Using Medical-Grade Polyetheretherketone (PEEK) Biomaterial. <i>BioMed Research International</i> , 2021, 2021, 1-7.	0.9	31
10	Reconstruction of a Combined Frontal Bone and Orbital Roof Defect With Associated Meningoencephalocele Using 3D Modeling and 3D Navigation. <i>Craniofacial Trauma & Reconstruction Open</i> , 2021, 6, 247275122110233.	0.2	1
11	Overview of In-Hospital 3D Printing and Practical Applications in Hand Surgery. <i>BioMed Research International</i> , 2021, 2021, 1-14.	0.9	11
12	3D-Printer-Assisted Patient-Specific Polymethyl Methacrylate Cranioplasty: A Case Series of 16 Consecutive Patients. <i>World Neurosurgery</i> , 2021, 148, e356-e362.	0.7	31
13	Structure, properties, and bioactivity of 3D printed PAEKs for implant applications: A systematic review. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1924-1941.	1.6	23
14	Design and Additive Manufacturing of a Biomimetic Customized Cranial Implant Based on Voronoi Diagram. <i>Frontiers in Physiology</i> , 2021, 12, 647923.	1.3	25
15	The need for overcorrection: evaluation of computer-assisted, virtually planned, fronto-orbital advancement using postoperative 3D photography. <i>Neurosurgical Focus</i> , 2021, 50, E5.	1.0	3
16	3D-printed titanium implant combined with interleukin 4 regulates ordered macrophage polarization to promote bone regeneration and angiogenesis. <i>Bone and Joint Research</i> , 2021, 10, 411-424.	1.3	11
17	A Multi-Criteria Assessment Strategy for 3D Printed Porous Polyetheretherketone (PEEK) Patient-Specific Implants for Orbital Wall Reconstruction. <i>Journal of Clinical Medicine</i> , 2021, 10, 3563.	1.0	11
18	Quantitative Assessment of Point-of-Care 3D-Printed Patient-Specific Polyetheretherketone (PEEK) Cranial Implants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8521.	1.8	46

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19	Functional and Cosmetic Outcome after Reconstruction of Isolated, Unilateral Orbital Floor Fractures (Blow-Out Fractures) with and without the Support of 3D-Printed Orbital Anatomical Models. <i>Journal of Clinical Medicine</i> , 2021, 10, 3509.	1.0	20
20	Fibroblast behavior on conventionally processed, milled, and printed occlusal device materials with different surface treatments. <i>Journal of Prosthetic Dentistry</i> , 2021, , .	1.1	2
21	Heat transfer-based non-isothermal healing model for the interfacial bonding strength of fused filament fabricated polyetheretherketone. <i>Additive Manufacturing</i> , 2021, 46, 102097.	1.7	14
22	Oral Kaposi's Sarcoma: A Case Report and Literature Review on Treatment Management. <i>Craniofacial Trauma & Reconstruction Open</i> , 2021, 6, 247275122110363.	0.2	2
23	Consumer vs. High-End 3D Printers for Guided Implant Surgery—An In Vitro Accuracy Assessment Study of Different 3D Printing Technologies. <i>Journal of Clinical Medicine</i> , 2021, 10, 4894.	1.0	17
24	An Interactive, Fully Digital Design Workflow for a Custom 3D Printed Facial Protection Orthosis (Face Mask). , 2021, , 26-36.		0
25	High Precision Bone Cutting by Er: YAG Lasers Might Minimize the Invasiveness of Navigated Brain Biopsies. <i>Frontiers in Oncology</i> , 2021, 11, 690374.	1.3	3
26	Case Report: Reconstruction of a Large Maxillary Defect With an Engineered, Vascularized, Prefabricated Bone Graft. <i>Frontiers in Oncology</i> , 2021, 11, 775136.	1.3	7
27	A simple, effective, universal, and reusable osteotomy tool for jaw reconstructions with microvascular fibula transplants. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 98-102.	0.5	2
28	Can an entry-level 3D printer create high-quality anatomical models? Accuracy assessment of mandibular models printed by a desktop 3D printer and a professional device. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2020, 49, 143-148.	0.7	39
29	In Vitro Mechanical and Biological Properties of 3D Printed Polymer Composite and β -Tricalcium Phosphate Scaffold on Human Dental Pulp Stem Cells. <i>Materials</i> , 2020, 13, 3057.	1.3	18
30	Comparative Evaluation of Digitization of Diagnostic Dental Cast (Plaster) Models Using Different Scanning Technologies. <i>Dentistry Journal</i> , 2020, 8, 79.	0.9	14
31	3D printed patient individualised models versus cadaveric models in an undergraduate oral and maxillofacial surgery curriculum: Comparison of students' perceptions. <i>European Journal of Dental Education</i> , 2020, 24, 809-810.	1.0	10
32	Quality Characteristics and Clinical Relevance of In-House 3D-Printed Customized Polyetheretherketone (PEEK) Implants for Craniofacial Reconstruction. <i>Journal of Clinical Medicine</i> , 2020, 9, 2818.	1.0	38
33	Fibula Graft Cutting Devices: Are 3D-Printed Cutting Guides More Precise than a Universal, Reusable Osteotomy Jig?. <i>Journal of Clinical Medicine</i> , 2020, 9, 4119.	1.0	7
34	Shoot and Post: The Making of Educational Videos. <i>Craniofacial Trauma & Reconstruction Open</i> , 2020, 5, 247275122096616.	0.2	0
35	Recurrence of Ameloblastic Fibro-Odontoma in a Child: A Case Report. <i>Craniofacial Trauma & Reconstruction Open</i> , 2020, 5, 247275122090484.	0.2	2
36	Effects of Steam Sterilization on 3D Printed Biocompatible Resin Materials for Surgical Guides—An Accuracy Assessment Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1506.	1.0	52

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37	Three-Dimensional Analysis of Isolated Orbital Floor Fractures Pre- and Post-Reconstruction with Standard Titanium Meshes and "Hybrid" Patient-Specific Implants. <i>Journal of Clinical Medicine</i> , 2020, 9, 1579.	1.0	31
38	3D-printed patient individualised models vs cadaveric models in an undergraduate oral and maxillofacial surgery curriculum: Comparison of student's perceptions. <i>European Journal of Dental Education</i> , 2020, 24, 799-806.	1.0	22
39	Evaluation of the Dimensional Accuracy of 3D-Printed Anatomical Mandibular Models Using FFF, SLA, SLS, MJ, and BJ Printing Technology. <i>Journal of Clinical Medicine</i> , 2020, 9, 817.	1.0	130
40	Accuracy Assessment of Molded, Patient-Specific Polymethylmethacrylate Craniofacial Implants Compared to Their 3D Printed Originals. <i>Journal of Clinical Medicine</i> , 2020, 9, 832.	1.0	35
41	A massacre of early Neolithic farmers in the high Pyrenees at Els Trocs, Spain. <i>Scientific Reports</i> , 2020, 10, 2131.	1.6	20
42	Comparing the mechanical properties of pressed, milled, and 3D-printed resins for occlusal devices. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 780-786.	1.1	96
43	Melanotic neuroectodermal tumor of infancy to the skull: case-based review. <i>Child's Nervous System</i> , 2020, 36, 679-688.	0.6	13
44	Development and validation of a synthetic 3D-printed simulator for training in neuroendoscopic ventricular lesion removal. <i>Neurosurgical Focus</i> , 2020, 48, E18.	1.0	24
45	Additive Manufacturing and 3D Printing. , 2020, , 227-237.		2
46	Strawberry gingivitis: Challenges in the diagnosis of granulomatosis with polyangiitis on gingival specimens. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019, 128, e202-e207.	0.2	10
47	Retrobulbar haematoma in the era of anticoagulants. <i>Injury</i> , 2019, 50, 1641-1648.	0.7	5
48	High energy facial trauma in an airplane crash survivor. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2019, 48, 197-198.	0.7	0
49	The Comprehensive AO CMF Classification System for Mandibular Fractures: A Multicenter Validation Study. <i>Cranio-maxillofacial Trauma & Reconstruction</i> , 2019, 12, 254-265.	0.6	7
50	An In Vitro Study of Osteoblast Response on Fused-Filament Fabrication 3D Printed PEEK for Dental and Cranio-Maxillofacial Implants. <i>Journal of Clinical Medicine</i> , 2019, 8, 771.	1.0	74
51	The comprehensive AO CMF classification system for mandibular fractures: a multicenter validation study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2019, 48, 31-32.	0.7	0
52	3D-printing for orthopedic treatment of infants with cleft lips and palate deformities. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2019, 48, 5.	0.7	2
53	Three-dimensional Assessment of the Breast: Validation of a Novel, Simple and Inexpensive Scanning Process. <i>In Vivo</i> , 2019, 33, 839-842.	0.6	14
54	3D Printed Surgical Simulation Models as educational tool by maxillofacial surgeons. <i>European Journal of Dental Education</i> , 2018, 22, e500-e505.	1.0	74

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55	A three-dimensional printed patient-specific scaphoid replacement: a cadaveric study. <i>Journal of Hand Surgery: European Volume</i> , 2018, 43, 407-412.	0.5	12
56	The Evolution of Photography and Three-Dimensional Imaging in Plastic Surgery. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 196e-197e.	0.7	1
57	Patient Specific Implants from a 3D Printer – An Innovative Manufacturing Process for Custom PEEK Implants in Cranio-Maxillofacial Surgery. , 2018, , 308-315.		14
58	A nationwide survey of undergraduate training in oral and maxillofacial surgery. <i>Oral and Maxillofacial Surgery</i> , 2018, 22, 289-296.	0.6	3
59	Patient-Specific Surgical Implants Made of 3D Printed PEEK: Material, Technology, and Scope of Surgical Application. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	175
60	Evaluation of Two 3D Printers for Guided Implant Surgery. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018, 33, 743-746.	0.6	28
61	Craniofacial Reconstruction by a Cost-Efficient Template-Based Process Using 3D Printing. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017, 5, e1582.	0.3	47
62	A Simple 3-Dimensional Printed Aid for a Corrective Palmar Opening Wedge Osteotomy of the Distal Radius. <i>Journal of Hand Surgery</i> , 2016, 41, 464-469.	0.7	41
63	Implant Supported Fixed Dental Protheses Using a New Monotype Zirconia Implant – A Case Report. <i>Dentistry Journal</i> , 2015, 3, 79-92.	0.9	3
64	Computer-assisted virtual planning and surgical template fabrication for frontoorbital advancement. <i>Neurosurgical Focus</i> , 2015, 38, E5.	1.0	53